

Converting Colors

XYZ(66.2285, 66.7690, 74.6637)

Have a look what the booklet for
XYZ(66.2285, 66.7690, 74.6637)
contains.

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Color

**XYZ(66.1817, 66.8983,
74.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D2D8
RGB	224, 210, 216
RGB Percent	88%, 82%, 85%
CMY	0.1216, 0.1765, 0.1529
CMYK	0.00, 0.06, 0.04, 0.12
HSL	334°, 18%, 85%
HSV	334°, 6%, 88%
XYZ	66.1817, 66.8983, 74.3903
YIQ	214.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

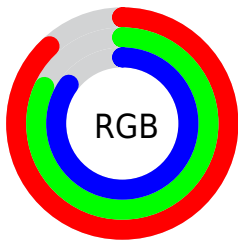
Format	Color
RYB	224, 210, 216
Decimal	14734040
CIELab	85.45, 5.87, -1.23
CIELCh	85, 6.002, 348.159
Yxy	66.8983, 0.3190, 0.3224
Android (android.graphics.Color)	4292924120 (0xFFE0D2D8)
YUV	214.8700, 0.5571, 8.0070
Hunter-Lab	81.7914, 1.2988, 3.3290

Details

The XYZ color **66.1817, 66.8983, 74.3903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8914, 72.0766, 76.7724**, and the grayscale version is **64.4982, 67.8572, 73.8965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6837, 34.7852, 38.6044** is the 20% darker color. If you saturate the color by 10%, you get **59.4430, 55.9667, 64.2935**, and if you desaturate by 10%, it is **73.8273, 79.4354, 85.4274**.

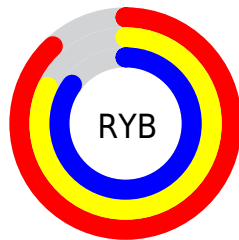
Distribution



Red (88%)

Green (82%)

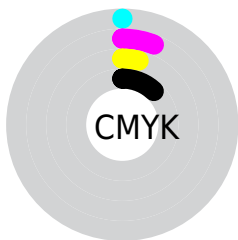
Blue (85%)



Red (88%)

Yellow (82%)

Blue (85%)

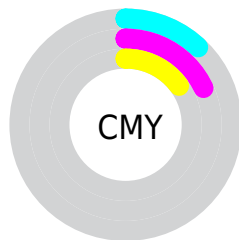


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1817, 66.8983, 74.3903 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.1817, 66.8983, 74.3903 by changing the saturation by 10% instead.

66.1817, 66.8983,
74.3903

66.1817, 66.8983,
74.3903

436.5048,
449.5827, 495.0187

48.6882, 49.0020,
54.6148

112.8034,
114.7747, 127.1881

34.5857, 34.6211,
38.6969

142.6622,
145.5235, 161.0475

23.5089, 23.3711,
26.2180

177.3735,
181.3253, 200.4386

15.0925, 14.8678,
16.7596

217.3027,
222.5645, 245.7799

8.9711, 8.7266,
9.9031

262.8151,
269.6254, 297.4901

4.7793, 4.5633,
5.2300

314.2760,

2.1518, 1.9934,

322.8925, 355.9876

2.3217

372.0508,
382.7501, 421.6909

■ 0.7171, 0.6036,
0.7434

■ 0.0000, 0.0000,
0.0000

■ 66.1817, 66.8983,
74.3903

■ 66.1817, 66.8983,
74.3903

■ 59.4430, 55.9667,
64.2935

■ 73.8273, 79.4354,
85.4274

■ 53.5705, 46.5668,
55.1066

■ 82.4070, 93.6307,
97.4253

■ 48.5290, 38.6318,
46.8038

■ 84.4562, 94.5496,
107.9103

■ 44.2784, 32.0869,
39.3561

■ 84.5509, 94.5875,
108.4086

■ 40.7752, 26.8502,
32.7329

■ 37.9716, 22.8314,
26.9014

■ 35.8137, 19.9285,
21.8260

■ 34.2389, 18.0225,
17.4672

■ 33.1699, 16.9651,
13.7798

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.5552, 66.8983, 77.9578



66.1817, 66.8983, 74.3903



66.1050, 66.8983, 70.5291

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.1817, 66.8983, 74.3903



62.7724, 66.8983, 65.9462



61.8544, 66.8983, 78.5707

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.1817, 66.8983, 74.3903



65.8914, 72.0766, 76.7724

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1295, 66.8983, 75.2026



66.1817, 66.8983, 74.3903



61.6543, 66.8983, 67.9529

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



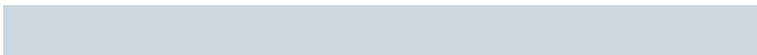
66.1817, 66.8983, 74.3903



64.1236, 66.8983, 65.7463



61.0568, 66.8983, 71.3131



63.0491, 66.8983, 80.4283

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1817, 66.8983, 74.3903



65.6657, 66.8983, 68.3059



61.0568, 66.8983, 71.3131



61.5484, 66.8983, 77.5722

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.1836, 66.9012, 74.3917



92.9787, 96.6027, 105.9118



65.3970, 66.3733, 79.8864



19.9230, 20.7125, 22.7009



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1836, 66.9012, 74.3917



88.0182, 88.4955, 98.6664



65.6533, 67.0588, 70.4595



14.2376, 14.2660, 15.9323



19.1763, 9.7375, 7.5942



1.3734, 0.6926, 0.7590

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.1836, 66.9012, 74.3917



88.0182, 88.4955, 98.6664



66.4404, 71.8961, 80.8974



14.2376, 14.2660, 15.9323



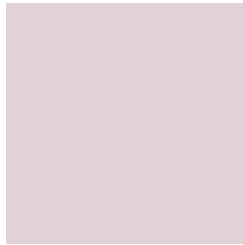
19.1763, 9.7375, 7.5942



1.3734, 0.6926, 0.7590

Previews

White Background



This preview shows how the XYZ color 66.1817, 66.8983, 74.3903 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.1817, 66.8983, 74.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

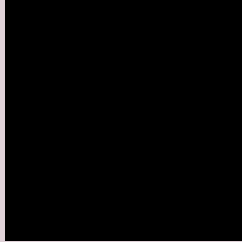
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

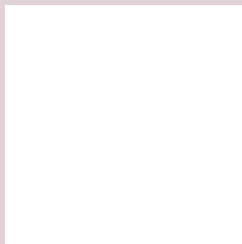
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1817, 66.8983, 74.3903

Background



This preview shows how black text looks on a background with the XYZ color 66.1817, 66.8983, 74.3903.



This preview shows how white text looks on a background with the XYZ color 66.1817, 66.8983,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.1817, 66.8983, 74.3903

Protanopia

64.3868, 66.6957, 75.1256

Deuteranopia

68.4415, 66.9590, 74.9628



Tritanopia

67.4424, 67.0447, 80.6205

Trichromacy



Original Color

66.1817, 66.8983, 74.3903

Protanomaly

65.0321, 66.6584, 75.0844

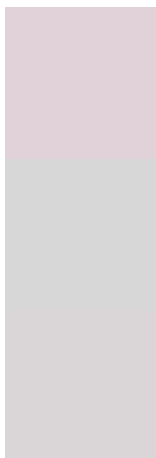
Deuteranomaly

67.7134, 66.9445, 74.9983

Tritanomaly

67.0366, 66.8824, 78.4836

Monochromacy



Original Color

66.1817, 66.8983, 74.3903

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9734, 67.4002, 73.8751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1817, 66.8983, 74.3903 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(224, 210, 216) looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.1817, 66.8983, 74.3903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 210, 216) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 210, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1817, 66.8983, 74.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
210, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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